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L4 ANSWER 60 OF 321 CA COPYRIGHT 2004 ACS on STN
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TI Light-insulating mortar compositions containing cement,
fly ash, alumina, swelling agent and set
accelerator for improved setting rate, curing and reduced shrinkage
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Corporation; Kumkang Korea Chemical Co., Ltd.
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DT Patent
LA Korean
IC ICM C04B018-10
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CC 58-3 (Cement, Concrete, and Related Building Materials)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 2000014685	A	20000315	KR 1998-34228	19980824
PRAI	KR 1998-34228		19980824		

AB Light-insulating mortar compns. with improved setting rate, d., curing
properties and shrinkage resistance are prepd. The insulating mortar
compns. consist of 50-70 wt.% cement, 30-50 wt.% fly
ash, 1-10 wt.% swelling agent, 0.01-0.5 wt.% alumina,
0.1-0.8 wt.% set-accelerator (sodium carbonate), and 0.01-0.1 wt.%
cellulose ester. The swelling agent is a mixt. of calcium sulfoaluminate
and calcium sulfate or calcium oxide, a mixt. of alumina
cement and gypsum, a mixt. of calcium aluminate and
calcium sulfate and/or a mixt. of calcia and magnesia.
ST light insulating mortar compn setting rate curing shrinkage;
cement flyash swelling agent alumina set accelerator
mortar compn